Exercise 1 *The function f is defined by the formula $f(x) = 3e^x + 1$.*

The range of f is $(\boxed{1}, \boxed{\infty})$.

Hint: *Desmos link:* https://www.desmos.com/calculator/kcidkhjpkp

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Exercise 2 *The function g is defined by the formula $g(x) = 5\sin(x)$.*

The range of g is $[\boxed{-5}, \boxed{5}]$.

Exercise 2.1 *The function h is defined by the formula $h(x) = 5\sin(x^2)$.*

The range of h is $[\boxed{-5}, \boxed{5}]$.

Hint: *Desmos link:* https://www.desmos.com/calculator/zpzx2bkz9u

Exercise 2.1.1 *The function k is defined by the formula $k(x) = 5\sin(x^2+e^x)$.*

The range of h is $[\boxed{-5}, \boxed{5}]$.

Hint: *Desmos link:* https://www.desmos.com/calculator/qosps4wcaf

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